

In the Claims

Cancel claims 12 – 16. Add new claim 17 that is set forth in the following List of Claims.

List of Claims

Claims 1 – 16 (canceled)

Claim 17 (new) A coolant jacket for cooling heat generating electrical elements on a support member, said coolant jacket comprising:

a pouch comprising flexible sidewalls that meet and are connected together at a periphery, said pouch having an inner space;

a resilient body of porous material in the inner space;

a coolant inlet leading into the pouch and into the body of porous material;

a coolant outlet leading from the body of porous material and outwardly from the pouch; and

said body of porous material being compressible an amount sufficient to allow it and a sidewall of the pouch to at least partially conform to the shape of the heat generating electrical elements on the support member while maintaining circulation space in the pouch for coolant so that coolant can enter the pouch, flow through the porous body, and then flow out from the coolant outlet,

wherein the pouch comprises a first edge and a second edge spaced from the first edge, wherein the resilient body of porous material has a first edge adjacent the first edge of the pouch and a second edge positioned against the second edge of the pouch, wherein the coolant inlet leads into the pouch through the first edge and the coolant outlet leads out from the pouch through the first edge, and wherein one of said coolant inlet and said coolant outlet terminates in the resilient body of porous material adjacent the first edge of the resilient body of porous material and the other of said coolant inlet and coolant outlet terminating closely adjacent the second edge of the resilient body of porous material.